PHILIP STRUMINE

Senior Manager, Data Science | Economist

📞 +1-850-933-3099   @ pstrumine@gmail.com   🔗 www.linkedin.com/in/philip-strumine

📍 Boston, MA

SUMMARY

Advanced data science expert with a passion for uncovering causal processes to make a positive impact on people, processes, and profits. Dedicated to providing collaborative leadership, unrelenting curiosity, and data-informed strategies necessary to create the conditions for success.

EDUCATION

PhD ABD & MS: Applied Economics

Northeastern University

📅 2018 - 2023

MS: Mathematical Finance

Boston University

📅 2010 - 2012

BS: Mathematics & Minor: Business Administration

University of Florida

📅 2002 - 2006

TECH STACK

Python	SQL	R	Stata	Git	MATLAB	C++

BigQuery	Vertex AI	Tableau	Hadoop	Excel

STRENGTHS

🔍 **Remain Agile**

Maintain flexibility to explore ideas, adopt emerging solutions, and overcome perceived limitations

🗄 **Propel Innovation in the Face of Complex Problems**

Leverage analysis to help organizations move beyond what is present, obvious, and known

🤝 **Forge Relationships**

Cultivate collaborative team environments to achieve goals and expedite solution discovery

EXPERIENCE

Senior Data Scientist - Self Insured Commercial Products

Aetna, a CVS Health Company

📅 2022 - Present   📍 Boston, MA

- Lead maternity-related campaign measurement efforts as the primary causal inference expert
- Translated multiple poor performing campaigns into profit generators based on conducting causal inference to mechanisms that were initially elusive

Chair, Mathematics

Mount Ida College

📅 2012 - 2018   📍 Newton, MA

- Lead team of professors and taught a variety of applied mathematics courses in applied mathematics/business
- Transformed business mathematics curriculum to enable on-line management and access utilizing customizable and adaptive MyMathLab and ALEKS Platforms

Chief Data Officer

Success Schools

📅 2010 - 2012   📍 Philadelphia, PA

- Co-founded startup that contracted with public and private school systems to provide turnkey operations for challenging student populations. Oversaw all finance and information technology. Developed and managed startup's IT infrastructure and financial operations, including accounting and regulatory compliance mechanisms
- Performed a comprehensive evaluation of company's compensation package to reduce costs 20% without compromising employee satisfaction or company's ability to secure talent
- Identified and directed action on an opportunity to target a new market segment, resulting in company increasing YoY revenue 150%

Vice President, Analytics

eLayaway

📅 2006 - 2009   📍 Tallahassee, FL

- Established advanced analytics function for online payments startup company, including building eLayway's analytical engine. Analyzed future revenue and cost streams. Leveraged insights to develop finance optimization strategies.
- Data-mined startup's customer base and performed advanced analysis to strengthen the effectiveness and ROI of marketing initiatives by identifying key customer segments
- Increased angel investment capital 7% in 1 year by augmenting investor presentations to include live website analytics